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PTO/SB/21 (08-03)

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<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)		Application Number	10/759,841
		Filing Date	January 15, 2004
		First Named Inventor	Michael Wayne GRAHAM
		Art Unit	Not Yet Assigned
		Examiner Name	Not Yet Assigned
Total Number of Pages in This Submission	10 w/ 115 Refs.	Attorney Docket Number	546322000302

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form  <input type="checkbox"/> Fee Attached  <input type="checkbox"/> Amendment/Reply  <input type="checkbox"/> After Final  <input type="checkbox"/> Affidavits/declaration(s)  <input type="checkbox"/> Extension of Time Request  <input type="checkbox"/> Express Abandonment Request  <input checked="" type="checkbox"/> Information Disclosure Statement w/ Form PTO-1449 (9 pages)  <input type="checkbox"/> Certified Copy of Priority Document(s)  <input type="checkbox"/> Response to Missing Parts/ Incomplete Application  <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s)  <input type="checkbox"/> Licensing-related Papers  <input type="checkbox"/> Petition  <input type="checkbox"/> Petition to Convert to a Provisional Application  <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address  <input type="checkbox"/> Terminal Disclaimer  <input type="checkbox"/> Request for Refund  <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group  <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences  <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)  <input type="checkbox"/> Proprietary Information  <input type="checkbox"/> Status Letter  <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):  1 One copy of 115 Cited References 2. Return Receipt Postcard
<div>Remarks</div>		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	MORRISON & FOERSTER LLP (Customer No. 20872) Michael R. Ward - 38,651
Signature	
Date	7-26-04

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**PATENT**  
**Docket No. 546322000302**

**CERTIFICATE OF MAILING BY "FIRST CLASS MAIL"**

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Leah Kjellén

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In the application of:

Michael Wayne GRAHAM et al.

Serial No.: 10/759,841

Filing Date: January 15, 2004

For: SYNTHETIC GENES AND GENETIC  
CONSTRUCTS

Examiner: Not Yet Assigned

Group Art Unit: Not Yet Assigned

**SUPPLEMENTAL INFORMATION DISCLOSURE  
STATEMENT UNDER 37 C.F.R. § 1.97 & 1.98**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Dear Sir:

Pursuant to 37 C.F.R. § 1.97 and § 1.98, Applicants submit for consideration in the above-identified application the documents listed on the attached Form PTO-1449. Copies of the documents are also submitted herewith. The Examiner is requested to make these documents of record.

This Supplemental Information Disclosure Statement is submitted:

- ☐ With the application; accordingly, no fee or separate requirements are required.
- ☐ Before the mailing of a first Office Action after the filing of a Request for Continued Examination under § 1.114. However, if applicable, a certification under 37 C.F.R. § 1.97(e)(1) has been provided.
- ☒ **Within three months of the application filing date or before mailing of a first Office Action on the merits; accordingly, no fee or separate requirements are required. However, if applicable, a certification under 37 C.F.R. § 1.97(e)(1) has been provided.**
- ☐ After receipt of a first Office Action on the merits but before mailing of a final Office Action or Notice of Allowance.
  - ☐ A fee is required. A check in the amount of \_\_\_ is enclosed.
  - ☐ A fee is required. Accordingly, a Fee Transmittal form (PTO/SB/17) is attached to this submission in duplicate.
  - ☐ A Certification under 37 C.F.R. § 1.97(e) is provided above; accordingly; no fee is believed to be due.
- ☐ After mailing of a final Office Action or Notice of Allowance, but before payment of the issue fee.
  - ☐ A Certification under 37 C.F.R. § 1.97(e) is provided above and a check in the amount of \_\_\_ is enclosed.
  - ☐ A Certification under 37 C.F.R. § 1.97(e) is provided above and a Fee Transmittal form (PTO/SB/17 is attached to this submission in duplicate.)

Applicants would appreciate the Examiner initialing and returning the Form PTO-1449, indicating that the information has been considered and made of record herein.

The information contained in this Supplemental Information Disclosure Statement under 37 C.F.R. § 1.97 and § 1.98 is not to be construed as a representation that: (i) a complete search has been made; (ii) additional information material to the examination of this application does not exist; (iii) the information, protocols, results and the like reported by third parties are accurate or enabling; or (iv) the above information constitutes prior art to the subject invention.

In the unlikely event that the transmittal form is separated from this document and the Patent Office determines that an extension and/or other relief (such as payment of a fee under 37 C.F.R. § 1.17(p)) is required, Applicants petition for any required relief including extensions of time and authorize the Commissioner to charge the cost of such petitions and/or other fees due in connection with the filing of this document to Deposit Account No. 03-1952 referencing 546322000302. However, the Commissioner is not authorized to charge the cost of the issue fee to the Deposit Account.

Dated: July 26, 2004

Respectfully submitted,

By: Michael R. Ward  
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<b>Form PTO-1449</b> <b>INFORMATION DISCLOSURE CITATION</b> <b>IN AN APPLICATION</b> <i>(Use several sheets if necessary)</i>	Docket Number <b>546322000302</b>	Application Number <b>10/759,841</b>
	Applicants <b>Michael Wayne GRAHAM et al.</b>	
	Filing Date <b>January 15, 2004</b>	Group Art Unit <b>Not Yet Assigned</b>
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## U.S. PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate
	1.	09/29/98	5,814,500	Dietz			
	2.	04/29/97	5,624,803	Noonberg et al.			
	3.	04/25/00	6,054,299	Conrad			
	4.	07/23/02	6,423,885 B1	Waterhouse et al.			
	5.	06/03/03	6,573,099	Graham			
	6.	03/20/03	2003/0056235 A1	Fire et al.			
	7.	02/20/03	2003/0036197 A1	Glassman et al.			
	8.	01/23/03	2003/0018993 A1	Gutterson et al.			
	9.	09/04/03	2003/0165894 A1	Waterhouse et al.			
	10.	04/17/03	2003/0074684 A1	Graham et al.			

## FOREIGN PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Country	Class	Subclass	Translation YES	NO
	11.	05/22/98	AU 729454	AU				
	12.	06/14/95	EP 465572	EPO				
	13.	11/12/92	WO 92/19732	WIPO				
	14.	01/20/94	WO 94/01550	WIPO				
	15.	12/02/99	WO 99/61631	WIPO				
	16.	08/03/00	WO 00/44895	WIPO				
	17.	08/03/00	WO 00/44914	WIPO				
	18.	10/21/99	WO 99/53050	WIPO				
	19.	09/27/01	WO 01/70949	WIPO				
	20.	09/30/99	WO 99/49029	WIPO				
	21.	08/31/95	WO 95/23225	WIPO				
	22.	05/07/98	WO 98/18811	WIPO				
	23.	04/03/03	WO 03/027298	WIPO				

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DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

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**OTHER DOCUMENTS***(including author, title, Date, Pertinent Pages, Etc.)*

Examiner Initials	Ref. No.	Title
	24..	Agrawal, Sudhir et al. (1995) "Self-Stabilized Oligonucleotides as Novel Antisense Agents" pp 105-120.
	25.	Agrawal, Neema et al. (2003) "RNA Interference: Biology, Mechanism, and Applications" Microb. Mol. Biol. Rev. 67:657-685
	26.	Strauss, Evelyn (1999) "Candidate Gene Silencers' Found" Science Vol. 286, pg 886.
	27.	Bahramian, Mohammad B. and Zarbl, Helmut (1999) "Transcriptional and Posttranscriptional Silencing of Rodent $\alpha 1(I)$ Collagen by a Homologous Transcriptionally Self-Silenced Transgene" Molecular and Cellular Biology, Vol 19, No. 1: 274-283.
	28.	Bhan, Purshotam et al. (1997) "2',5'-Linked Oligo-3'-deoxyribonucleoside Phosphorothiate Chimeras: Thermal Stability and Antisense Inhibition of Gene Expression" Nucleic Acids Research, Vol. 1, No. 16: 3310-3317.
	29.	Couzin, Jennifer (2002) "Small RNAs Make Big Splash" Science 298: 2296-2297
	30.	Czauderna, Frank et al. (2003) "Structural Variations and Stabilising Modifications of Synthetic siRNAs in Mammalian Cells" Nucleic Acids Research Vol. 31, No. 11: 1-12.
	31.	Elbashir, Sayda M. et al. (2001) "Functional Anatomy of siRNAs for mediating Efficient RNAi in Drosophila Melanogaster Embryo Lysate" The EMBO Journal, Vol. 20, No. 23: 6877-6888.
	32.	Elbashir, Sayda M. et al. (2002) "Analysis of Gene Function in Somatic Mammalian Cells Using Small Interfering RNAs" Methods 26: 199-213.
	33.	Grasby, Jane A. et al. "Purine Functional Groups in Essential Residues of the Hairpin Ribozyme Required for Catalytic Cleavage of RNA" Biochemistry 34: 4068-4076.
	34.	Griffey, Richard H. et al. (1996) "2'O-Aminopropyl Ribonucleotides: A Zwitterionic Modification That Enhances The Exonuclease Resistance and Biological Activity of Antisense Oligonucleotides" J. Med. Chem 39: 5100-5109.
	35.	Gryaznov, Sergei M. and Letsinger, Robert L. (1993) "Template Controlled Coupling and Recombination of Oligonucleotide Blocks Containing Thiophosphoryl Groups" Nucleic Acids Research, Vol. 21, No. 6: 1403-1408.
	36.	Ha, Ilho et al. (1996) "A Bulged lin-4/lin-14 RNA Duplex is Sufficient For Caenorhabditis Elegans lin-14 Temporal Gradient Formation" Gene and Development 10: 3041-3050.
	37.	Hoke, Glenn D. "Effects of Phosphorothioate Capping On Antisense Oligonucleotide Stability, Hybridization and Antiviral Efficacy Versus Herpes Simplex Virus Infection" et al. (1991) Nucleic Acids Research, Vol. 19, No. 20: 5743-5748.
	38.	Kennerdell, Jason R. and Carthew, Richard W. (1998) "Use of dsRNA-Mediated Genetic Interference to Demonstrate that Frizzled and Frizzled 2 Act in the Wingless Pathway" Cell, Vol. 95: 1017-1026

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39.	Kitabwalla, Moiz and Ruprecht, Ruth M. (2002) "RNA Interference - A New Weapon Against HIV and Beyond" N Engl J Med, Vol 347, No. 17: 1364-1367.
40.	Kreutzer, R. et al. "Specific Inhibition of Viral Gene Expression by Double-Stranded RNA <i>in Vitro</i> " Fall Meeting S169.
41.	Kumar Madhur and Carmichael, Gordon G. (1998) "Antisense RNA: Function and Fate of Duplex RNA in Cells of Higher Eukaryotes" Microbiology and Molecular Biology Reviews, Vol. 62, No. 4: 1415-1434.
42.	Borecky, L. et al. (1981-1982) "Therapeutic Use of Double-Stranded RNAs in Man" Tex Rep Biol Med 14: 575-581.
43.	Li, Y.X. et al. (1999) "Double-Stranded RNA Injections Produces Null Phenotype in Zebrafish" Developmental Biology Vol. 210: 238 at 346
44.	Lin, Rueyling and Avery, Leon (1999) "Policing Rogue Genes" Nature Vol. 402: 128-129.
45.	Lipinski, Christopher A. et al. (1997) "Experimental and Computational Approaches to Estimate Solubility and Permeability in Drug Discovery and Development Settings" Advanced Drug Delivery Reviews 23: 3-25.
46.	Majumdar, Alok et al. (1998) "Targeted Gene Knockout Mediated by Triple Helix Forming Oligonucleotides" Nature Genetics Vol. 20: 212-214.
47.	McManus, Michael T. and Sharp, Phillip A. (2002) "Gene Silencing in Mammals By Small Interfering RNAs" Reviews, Vol. 3: 737-747.
48.	Ma, Michael Y. X. et al. (1993) "Design and Synthesis of RNA Miniduplexes via a Synthetic Linker Approach" Biochemistry 32: 1751-1758.
49.	Milhaud, Pierre G. et al. (1991) "Free and Liposome-Encapsulated Double-Stranded RNAs as Inducers of Interferon, Interleukin-6, and Cellular Toxicity" Journal of Interferon Research 11: 261-265.
50.	Montgomery, Mary K. and Fire, Andrew (1998) "Double-Stranded RNA as a Mediator in Sequence-Specific Genetic Silencing and Co-Suppression" TIG, Vol. 14, No. 7: 255-258.
51.	Montgomery, Mary K. et al. (1998) "RNA as a Target of Double-Stranded RNA-Mediated Genetic Interference in <i>Caenorhabditis Elegans</i> " Proc. Natl. Acad. Sci. Vol. 95: 15502-15507.
52.	Moss, Eric G. et al. (1997) "The Cold Shock Domain Protein LIN-28 Controls Development Timing in <i>C. Elegans</i> and is Regulated by the <i>lin-4</i> RNA" Cell, Vol. 88: 637-646.
53.	Nielsen, Paul et al. (1997) "A Novel Class of Conformationally Restricted Oligonucleotide Analogues: Synthesis of 2',3'-Bridged Monomers and RNA-Selective Hybridisation" Chem. Commun., pp 825-826.
54.	Nikiforov, Theo T. and Connolly, Bernard A. (1992) "Oligodeoxynucleotides Containing 4-thiothymidine and 6-thiodeoxyguanosine as affinity labels for the Eco RV Restriction Endonuclease and Modification Methylase" Nucleic Acids Research, Vol. 20, No. 6: 1209-1214.
55.	Doench, John G. et al. (2003) "siRNA Can Function as miRNAs" Genes and Development 17:438-442.
56.	Sinha, Nanda D. (1997). "Large-Scale Synthesis: Approaches to Large-Scale Synthesis of Oligodeoxynucleotides and their Analogs" Antisense From Technology to Therapy Lab Manual and Textbook, Vol. 6: pp 30-58.
57.	Skripkin, Eugene et al. (1996) "Psoralen Crosslinking Between Human Immunodeficiency Virus Type 1 RNA and Primer tRNA <sub>3</sub> <sup>Lys</sup> " Nucleic Acids Research, Vol. 24, No. 3: 509-514.
58.	Ngo, Huan et al. (1998) "Double-Stranded RNA Induces mRNA Degradation in <i>Trypanosoma Brucei</i> " Proc. Natl. Acad. Sci. Vol. 95: 14687-14692.

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59.	Paddison, Patrick J. et al. (2002) "Short-Hairpin RNAs (shRNAs) Induce Sequence-Specific Silencing in Mammalian Cells" <i>Genes and Development</i> 16: 948-958.		
60.	Pegram, Mark D. et al (1998) "Phase II study of Receptor-Enhanced Chemosensitivity Using Recombinant Humanized Anti-p185 <sup>HER2/neu</sup> Monoclonal Antibody Plus Cisplatin in Patients With HER2/Neu-Overexpressing Metastatic Breast Cancer Refractory to Chemotherapy Treatment" <i>Journal of Clinical Oncology</i> , Vol. 16, No. 8: 2659-2671.		
61.	Braich, Ravinderjit and Damha, Masad J. (1997) "Regiospecific Solid-Phase Synthesis of Branched Oligonucleotides. Effect of Vicinal 2',5' - (or 2',3' -) and 3',5' -Phosphodiester Linkages on the Formation of Hairpin DNA" <i>Bioconjugate Chem</i> , 8: 370-377.		
62.	Regalado, Antonio (2002, August). "Turning Off Genes Sheds New Light On How They Work" <i>The Wall Street Journal</i> , 4 pages.		
63.	Sharp, Phillip (1999) "RNAi and Double-Stranded RNA" <i>Genes and Development</i> 13(2): 139-141.		
64.	Shi, Yang and Mello, Craig (1998) "A CBP/p300 Homolog Specifies Multiple Differentiation Pathways in <i>Caenorhabditis Elegans</i> " <i>Genes and Development</i> (12)7: 943.		
65.	Timmons, Lisa and Fire, Andrew (1998) "Specific Interference by Ingested dsRNA" <i>Nature</i> , Vol. 395: 854		
66.	Uhlmann, Eugen and Peyman, Anusch (1990) "Antisense Oligonucleotides: A New Therapeutic Principle" <i>Chemical Reviews</i> , Vol. 9, No. 4: 544-584.		
67.	Wess, Ludger and Haan, Keith (2003) "Early Days for RNAi" <i>BioCentury</i> , Vol. 11, No. 12: A1-23.		
68.	Schwarz, Dianne S. et al. (2002) "Evidence that siRNAs Function as Guides, Not Primers in the <i>Drosophila</i> and Human RNAi Pathways" <i>Molecular Cell</i> , Vol. 10: 537-548.		
69.	Yamamoto, Rika et al. (1997) "Inhibition of Transcription by the TAR RNA of HIV-1 in a Nuclear Extract of HeLa Cells" <i>Nucleic Acids Research</i> , Vol. 25, No. 17: 3445-3450		
70.	Kowolik, Claudia M. and Yee, Jiing-Kuan (2002) "Preferential Transduction of Human Hepatocytes with Lentiviral Vectors Pseudotyped By Sendai Virus F Protein" <i>Molecular Therapy</i> , Vol. 5, No. 6: 762-769		
71.	Yam, Priscilla Y. et al. (2002) "Design of HIV Vectors for Efficient Gene Delivery into Human Hematopoietic Cells" <i>Molecular Therapy</i> , Vol. 5, No. 4: 479-484		
72.	Peng, Hairong et al. (2001) "Development of an MFG-Based Retroviral Vector System for Secretion of High Levels of Functionally Active Human BMP4" <i>Molecular Therapy</i> , Vol. 4, No. 2: 95-104		
73.	Yee, Jiing-Kuan and Zaia, John A. (2001) "Prospects for Gene Therapy Using HIV-Based Vectors" <i>Somatic Cell and Molecular Genetics</i> , Vol. 26, Nos. 1/6: 159-173		
74.	Kowolik, Claudia M. et al. (2001) "Locus Control Region of the Human CD2 Gene in a Lentivirus Vector Confers Position-Independent Transgene Expression" <i>Journal of Virology</i> , Vol. 75, No. 10: 4641-4648		
75.	Schmidt, Frank R. (2004) "RNA Interference Detected 20 years ago" <i>Nat. Biotechnol.</i> 22: 267-268		
76.	Schmidt, F. R. et al. (1983) "Cycloheximide Induction of Aflatoxin Synthesis in a Nontoxigenic Strain of <i>Aspergillus Flavus</i> " <i>Bio/Technology</i> 1: 794-795		
77.	Schmidt, Frank R. et al. (1986) "Viral Influences on Aflatoxin Formation by <i>Aspergillus Flavus</i> " <i>Appl Microbiol. Biotechnol.</i> 24: 248-252.		
78.	Hannon, Gregory J. (2002) "RNA Interference" <i>Nature</i> , Vol. 418: 244-251		
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	78.	Goff, Deborah J. et al. (1997) "Analysis of Hoxd-13 and Hoxd-11 Misexpression in Chick Limb Buds Reveals that Hox Genes Affect Both Bone Condensation and Growth" <i>Development</i> 124: 627-636	
	80.	Boldin, Mark P. et al. (1996) "Involvement of MACH, a Novel MORT1/FADD-Interacting Protease, in Fas/APO-1- and TNF Receptor-Induced Cell Death" <i>Cell</i> 85: 803-815.	
	81.	Giordano, Ennio et al. (2000) "RNAi Triggered By Symmetrically Transcribed Transgenes in Drosophila Melanogaster" <i>Genetics</i> , 160:637-648	
	82.	Kennerdell, Jason R. et al. (2000) "Heritable Gene Silencing in Drosophila Using Double-Stranded RNA" <i>Nature Biotechnology</i> , 18:896-898.	
	83.	Carthew, Richard W. (2001) "Gene Silencing By Double-Stranded RNA" <i>Curr. Op. Cell. Biol.</i> 13: 244-248	
	84.	Flavell, R. B. (1994) "Inactivation of Gene Expression in Plants as a Consequence of Specific Sequence Duplication" <i>Proc. Natl. Acad. Sci.</i> 99:3490-3496.	
	85.	Jorgensen, Richard A. et al. (1999) "Do Unintended Antisense Transcripts Contribute To Sense Cosuppression in Plants" <i>TIG</i> 15:11-12.	
	86.	Klink, Vincent P. et al. (2000) "The Efficacy of RNAi in the Study of the Plant Cytoskeleton" <i>J. Plant Growth Reg.</i> 19: 371-384.	
	87.	Liszewicz, Julianna et al. (1991) "Tat-Regulated Production of Multimerized TAR RNA Inhibits HIV-1 Gene Expression" <i>New Biologist</i> 3:82-89.	
	88.	Metzlaff, M. et al. (1997) "RNA-Mediated RNA Degradation and Chalcone Synthase A Silencing in Petunia" <i>Cell</i> 88:845-854.	
	89.	Plasterk, Ronald HA et al. (2000) "The Silence of the Genes" <i>Curr. Op. Gen. Dev.</i> 10:562-567.	
	90.	Que, Qiudeng et al. (1997) "The Frequency and Degree of Cosuppression by Sense Chalcone Synthase Transgenes Are Dependent on Transgene Promoter Strength and Are Reduced by Premature Nonsense Codons in the Transgene Coding Sequence" <i>Plant Cell</i> 9: 1357-1368.	
	91.	Sarver, Nava et al. (1990) "Ribozymes as Potential Anti-HIV-1 Therapeutics Agents" <i>Science</i> 247:1222-1225.	
	92.	Schaller, Hubert (2003) "The Role of Sterols in Plant Growth and Development" <i>Prog. Lipid Res.</i> 42:163-175.	
	93.	Steinecke, Peter et al. (1992) "Expression of a Chimeric Ribozyme Gene Results in Endonucleolytic Cleavage of a Target mRNA and a Concomitant Reduction of Gene Expression in vivo" <i>Nucleic Acids Res.</i> 23:2259-2268.	
	94.	Sullenger, Bruce A. et al. (1990) "Expression of Chimeric tRNA-Driven Antisense Transcripts Renders NIH 3T3 Cells Highly Resistant to Moloney Murine Leukemia Virus Replication" <i>Mol. Cell. Biol.</i> 10:6512-6523.	
	95.	Sullenger, Bruce A. et al. (1993) "Tethering Ribozymes to a Retroviral Packaging Signal for Destruction of Viral RNA" <i>Science</i> 262:1566-1569.	
	96.	Tijsterman, Marcel et al. (2002) "The Genetics of RNA Silencing" <i>Ann. Rev. Genet.</i> 36:489-519.	
	97.	Zhao, Jack J. et al. (1993) "Generating Loss-of-Function Phenotype of the Fushi Tarazu Gene with a Targeted Ribozyme in Drosophila" <i>Nature</i> 365:448-451.	
	98.	International Search Report mailed on November 14, 2002, for PCT patent application no. PCT/AU02/01326 filed September 27, 2002, 4 pages.	
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	99.	International Search Report mailed on May 10, 2001, for PCT patent application no. PCT/AU01/00297 filed March 16, 2001, 2 pages.	
	100.	International Search Report mailed on May 10, 1999, for PCT patent application no. PCT/AU99/00195, filed on March 19, 1999, 3 pages.	
	101.	Written Opinion mailed on April 17, 2004, for PCT application no PCT/AU03/01177 filed September 9, 2003, 7 pages.	
	102.	Birchler, James A. (2000) "Making noise about silence: repression of repeated genes in animals" Current Opinion in Genetics & Development 10: 211-216.	
	103.	Brummell, David A. et al. (2003) "Inverted repeat of a heterologous 3'-untranslated region for high-efficiency, high-throughput gene silencing" The Plant Journal 33: 793-800.	
	104.	Cogoni, Carlo and Macino, Giuseppe (2000) "Post-transcriptional gene silencing across kingdoms" Current Opinion in Genetics & Development 10: 638-643.	
	105.	Dykxhoorn, Derek M. et al. (2003) "Killing the Messenger: Short RNAs that Silence Gene Expression." Nature Reviews Molecular Cell Biology Vol.4: 457-467.	
	106.	Marathe, Rajendra et al. (2000) "RNA viruses as inducers, suppressors and targets of post-transcriptional gene silencing" Plant Molecular Biology 43: 295-306.	
	107.	Matzke, Marjori and Matzke, Antonius J.M. (2003) "RNAi Extends Its Reach" Science: 1060-1061.	
	108.	Matzke, Marjori A. and Matzke, Antonius J.M. (1995) "How and Why Do Plants Inactivate Homologous (Trans) genes" Plant Physiol. 107: 679-685.	
	109.	Oates, Andrew C. et al. (2000) "Too Much Interference: Injection of Double-Stranded RNA Has Nonspecific Effects in the Zebrafish Embryo" Developmental Biology 224: 20-28.	
	110.	Putlitz, Jasper zu and Wands, Jack R. (1999) "Specific Inhibition of Hepatitis B Virus Replication by Sense RNA" Antisense & Nucleic Acid Drug Development 9: 241-252.	
	111.	Schramke, Vera and Allshire, Robin (2003) "Hairpin RNAs and Retrotransposon LTRs Effect RNAi and Chromatin-Based Gene Silencing" Science 301: 1069-1074.	
	112.	Tavernarakis, Nektarios et al. (2000) "Heritable and inducible genetic interference by double-stranded RNA encoded by transgenes" Nature Genetics 24: 180-183.	
	113.	Ui-Tei, Kumiko et al. (2000) "Sensitive assay of RNA interference in <i>Drosophila</i> and Chinese hamster cultured cells using firefly luciferase gene as target" Federation of European Biochemical Societies Letters 479: 79-82.	
	114.	Wargelius, Anna et al. (1999) "Double-Stranded RNA Induces Specific Developmental Defects in Zebrafish Embryos" Biochemical and Biophysical Research Communications 263: 156-161.	
	115.	Wassenegger, Michael and Pelissler, Thlerry (1999) "Signalling in Gene Silencing" Trends in Plant Science, Vol. 4, No. 6, pp 207-209.	
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